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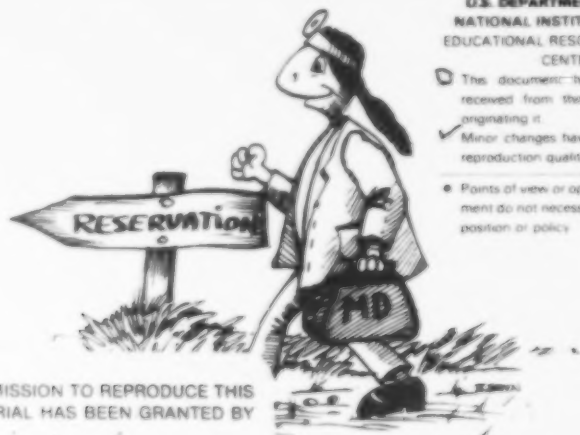
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ABSTRACT

Located at the University of North Dakota School of Medicine, Indians Into Medicine (INMED) is a multi-faceted program providing academic, financial, and personal support for Indian students preparing for health careers. The program has the following goals: (1) increase awareness and motivation among Indian students with the potential for health careers; (2) enroll students in the proper curriculums; (3) provide support needed for successful academic achievement; (4) develop academic programs to enhance Indian health care; and (5) place Indian health professionals in service to Indian communities. INMED's Summer Institute--for Indian students at junior high and high school, college, and pre-med levels--provides academic enrichment sessions along with field trips, recreation, pow-wows, and Indian awareness workshops. Full-year academic programs are available at any undergraduate or graduate level, and INMED helps students obtain scholarships and other financial aid. Support services include counseling and advisement, a Learning Resource Center, tutorial assistance, a student organization, field work experiences, and seminars on specific Indian health issues. This brochure, prepared for prospective INMED participants, includes addresses and phone numbers for those wishing to apply or obtain further information. (JHZ)

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INDIANS INTO MEDICINE



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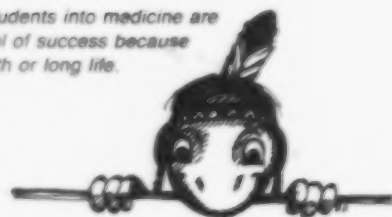
INDIANS INTO MEDICINE

In this booklet the Medicine Coyote will tell the story of the INMED program at the University of North Dakota School of Medicine in Grand Forks.

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By
James Beiswenger

Learn how Trueheart the Turtle and other Indian students into medicine are assisted by INMED. Trueheart is the INMED symbol of success because among many tribes the turtle represents good health or long life.



Overview

Indians Into Medicine is a multi-faceted assistance program serving Indian students preparing for health careers. Located at the University of North Dakota School of Medicine in Grand Forks, INMED services include academic, financial and personal support for Indian college and professional students. Summer academic enrichment programs are provided for junior high, high school, college and medical preparatory students.

The INMED objectives are:

- increase awareness, interest, and motivation among Indian students with the potential for health careers
- recruit and enroll students in the proper curriculums
- provide academic, personal, and cultural support services to aid in successful academic achievement
- research and develop academic programs to

enhance Indian health care

- place Indian health professionals in service to Indian communities

INMED became operational in 1973. The program was developed out of concern for the underserved populations on the twenty-two reservations in North Dakota, South Dakota, Montana, Wyoming and Nebraska. Most summer junior high and high school students are selected from within

the five-state service area, but the program also provides assistance to American Indian/Alaska Native students nationally; particularly at the undergraduate, pre-professional and medical school levels.

With the other health careers added to the program's original focus on the field of medicine, IN-MED now also serves students enrolled in nursing, clinical psychology and various health science areas.

Over half of the full-time INMED students receive Indian Health Care Improvement Act scholarships administered through the Indian Health Service. Priority career



categories for scholarship awards are determined at national IHS offices in Rockville, MD, and based on IHS personnel needs. These needs vary from year to year.

In its first eleven years INMED has assisted forty-four health professionals while completing their degrees, including thirty-six medical doctors. Many other health professionals have received counseling, advice on financial aid, application forms, or other assistance from INMED; although they did not apply through the program.

INMED offers support, advisement and counseling to students at any level from junior high through professional school. This comprehensive approach separates INMED from most other

educational assistance programs.

The program maintains close relationships with the service area tribes, the University of North Dakota, the School of Medicine and other national Indian organiza-

tions. An all-Indian Advisory Board develops program philosophies and priorities. Board members are appointed by the tribal council of each reservation in the INMED five-state area.



Summer Institute

The Summer Institute includes academic enrichment sessions for Indian students at the junior high, high school, college and pre-med levels. Individualized summer study programs can also be arranged for medical students.

Field trips, recreation, powwows, and Indian awareness workshops are included in the wide variety of special activities organized for the summer

students. Many summer participants later enter the INMED academic year programs.



College Summer Institute

Indian students enroll in University of North Dakota Summer Session courses through the INMED College Summer Institute. Participants earn academic credit at the eight-week program, and are awarded summer IHS scholarships. INMED staff consider applications for this program from Indian students at all levels of college training. There is no guarantee that participating students will receive funding for the regular college sessions beginning in the fall, as that determination is presently made at IHS headquarters. The summer college session is an opportunity for



students to demonstrate their ability, for favorable scholarship consideration by IHS headquarters in the future.

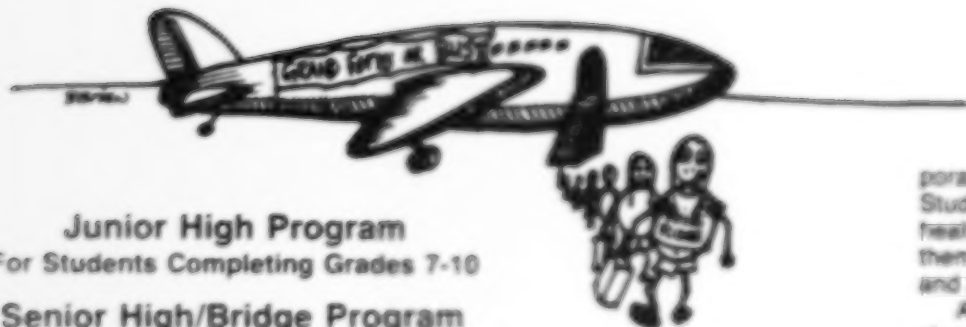
Summer Med Prep Program

Individualized curriculums are developed for each student to strengthen his/her medical science background in preparation for medical school. Courses may include biochemistry, histology, genetics, embryology, neuroanatomy, microbiology or immunology, focal problems and study and test-taking skills.

College credit is not given for Med Prep as the object is to strengthen weak academic areas and help participants develop "tools" to successfully complete medical school. The program provides the opportunity to become familiar with the campus and town,

and also to develop the support network critical to new INMED students.

The five-week program includes lectures, laboratory sessions, field trips and individual tutoring. For those participants not yet accepted to medical school, the application process is a major part of individual counseling sessions. Medical College Admission Test preparation sessions are held for students preparing to take or retake the M.C.A.T. Transportation, tuition and living expenses are funded by INMED. There is no additional stipend.



Junior High Program

For Students Completing Grades 7-10

Senior High/Bridge Program

For Students Completing Grade 11 or 12

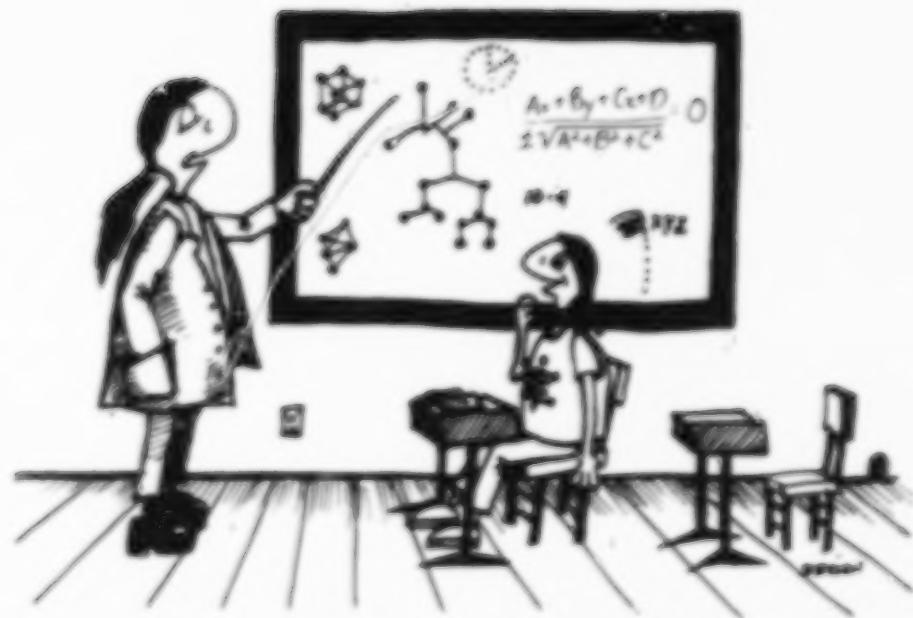
Junior High and Senior High/Bridge students participate in an intensive five-week enrichment course through Summer Institute. The program includes group and individualized instruction in pre-college mathematics, physics, chemistry, biology, Indian studies and English communications. A course on techniques for effective

study is also offered, as well as an overview of health careers opportunities.

The program is designed to help students develop the strong academic foundation and study skills vital to success in college health science courses. Field trips, tours of medical facilities and laboratory sessions are incor-

porated as practical teaching aids. Students learn from a variety of health professionals who can help them decide on college curriculum and life goals.

Although not enrolled in college classes, Junior High and Senior High/Bridge students can become familiar with the campus setting and experience some of the responsibilities of attending the University. Participants stay in a dormitory on campus under the supervision of Indian tutor/counselors. Most recent tutor/counselors have been Summer Institute graduates who have themselves entered some area of health or science. The Summer Institute is hard work, with course and laboratory sessions from 8:00



a.m. until 5:00 p.m. daily. But the Institute is also a lot of fun! Special entertainment or recreation activities are planned for each evening and weekend. Transportation, tuition and living expense are funded by INMED. There is no additional stipend.

Full-Year Academic Programs



INMED offers, via IHS, full-year academic and personal support for college and professional students who enter the program at any undergraduate or graduate level. Many INMED students receive financial aid through the program, but an INMED scholarship is not a prerequisite to participation in the academic support activities. The program's counselors can advise non-funded students on alternate sources of financial aid available to them.

Medical Education Program

The University of North Dakota School of Medicine each year allocates five additional positions in its freshman class for fully-qualified INMED students. Some INMED medical students complete their four-year medical degree at UND; others finish two-year B.S. in medicine degrees at the University and transfer elsewhere for third- and fourth-year clinical training. The program has developed educational linkages across the nation, and INMED can help place students in medical education programs at various colleges and universities.



Post-baccalaureate/ Pre-professional Program

The special graduate program is for college graduates planning to attend medical school. They enroll in University of North

Dakota undergraduate and/or graduate level courses. Participants strengthen their medical science backgrounds and complete various admissions requirements. Workshops assist graduates and upperclassmen who are preparing for the Medical College Admissions Test and the medical school application and interview process. Summer Institute includes a five-week Med Prep program with coursework geared to the needs of each participant. Post-baccalaureate/Pre-professional students subsequently

apply to the University of North Dakota and/or other medical schools.

Pre-Medicine

Prior to application, the University of North Dakota School of Medicine requires a minimum of ninety semester hours of credit from an approved college or university. Preference is given to students who have completed an undergraduate degree and who are broadly educated in the sciences and humanities. The School of Medicine recognizes that, since medicine deals with people, an understanding of literature, art, history, ethics and

philosophy is an adjunct to a physician. Science and humanities



are not mutually exclusive and both are viewed as necessary for the practice of medicine. It also is highly recommended that students be computer literate, to include familiarity with: 1) the terminology applied to computer technology; 2) utilization of computers in independent learning; 3) basic uses and applications of computer technology; 4) basic computer hardware and software; and 5) the skills necessary for basic operation of a computer terminal.

Mandatory pre-med courses include: Chemistry (16 hours); Biology (8 hours); Physics (8 hours); Psychology or Sociology (3 hours); Language Arts (6 hours); and College Algebra (3 hours).

Pre-Nursing

To be eligible for consideration for admission to the College of Nursing, a student must have completed twenty-four semester hours of credit, including general chemistry, organic biochemistry, human anatomy, introduction to psychology, introduction to sociology (anthropology can be taken in place of sociology), and English composition. College Level Examination Program (CLEP) subject exams results will be accepted according to current University policy. The College of Nursing offers Bachelor's and Master's level degrees.

Allied Health Fields

The University of North Dakota offers academic programs in the health fields listed below. Some of the career categories are not considered for IHS scholarships. This varies from year to year. Please discuss current details with an INMED counselor.

- Cytotechnology
- Medical Technology
- Physical Therapy
- Occupational Therapy
- Administration (Bachelor's and Master's Levels)
- Dietetics and Nutrition
- Social Work



- Psychology (Bachelor's and Master's and Doctoral Levels)
- Speech Pathology (Bachelor's and Master's Level)
- Pre-Veterinary
- Pre-Optometry
- Pre-Dental

Support Services

The program's counselors work with participating students planning class schedules and registering for each semester. The counselors' knowledge is invaluable to students on campus for the first time. They can help work through the red tape of the educational system and provide information on the wide variety of services, including health care, which are available to University of North Dakota students.

Learning Resource Center (LRC)

At the INMED offices in the School of Medicine the LRC includes study and tutoring areas

equipped with desks, reference texts and audio-visual aids. The study center is open daily from 5:00 a.m. until midnight, and longer on request.

The LRC atmosphere is conducive to effective study, and upperclassmen often help underclassmen work through academic problems. INMED has also developed files of notes and old tests for core area courses, to be used as study aids.

The Resource Center contains over 1000 books and reference texts on topics such as math, science, medicine, Indian studies, and test preparation. The LRC also serves as a resource center for the INMED staff.



Academically Controlled Environment (ACE)

INMED provides tutors for each student on request. The tutors can be very helpful to those who have not yet developed strong backgrounds in math and sciences.

Each student whose grades fall below an acceptable level for his/her particular major is placed on probation with INMED. Individualized academic strengthening programs are incorporated to help each probationary student meet his/her academic potential. Conditions of probation include tutoring sessions, periodic instruc-

tors' evaluation, weekly counseling, mandatory class attendance and individual testing to identify skill areas the student should strengthen.



Student Organization

INMED participants maintain unity by an academically- and socially-oriented student organization. Through the organization, the students plan several social activities per year. The group also has opportunities to discuss concerns which student representatives bring before the INMED staff and Advisory Board. A major activity of the student group is an annual Indian Social Dance held late in the fall of each year.

Additionally, most INMED students participate in the University of North Dakota Indian Association, an active social and cultural organization serving over 300 Indian students on campus.

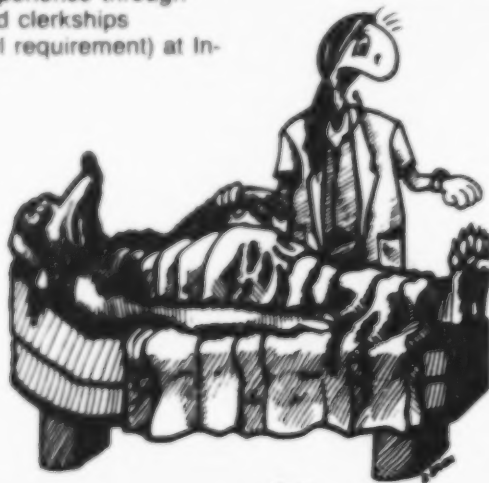




Field Experiences

During college and professional school, INMED students who have signed Section 104 payback scholarship contracts can obtain "hands-on" experience through externships and clerkships (medical school requirement) at In-

dian health facilities. INMED has been able to arrange summer placement for students at their home reservations.





Conferences

The INMED Program offers annual health education seminars. Each two-day workshop focuses on a specific Indian health issue. Past conferences have addressed diabetes, alcoholism, tuberculosis, hypertension and other topics.

An important feature of the INMED workshops is an Indian orientation. The topics are presented with an Indian perspective on lifestyle, diet, patient compliance and health maintenance. Instructors for the seminars include IHS health professionals, national researchers and School of Medicine faculty. Continuing Medical Education, Continuing

Education and academic credit have been available for participation.

Application

On request, the INMED staff will mail application forms for any of the listed programs. The staff includes an Indian Health Service Area/Program Scholarship Coordinator for Section 103 and 104 scholarships at the University of North Dakota. The IHS scholarships are funded through the Indian Health Care Improvement Act (P.L. 94-437). Section 103 scholarships support pre-professional education, which upon completion will enable the student to qualify for enrollment or re-enrollment in a



health professions school. Section 104 scholarship support is available for health professional education. Students accepted into health professions schools (ex. Medicine, Nursing) sign Section 104 service payback contracts for one year of paid professional service for each year of support. The contract includes a minimum of two years service.

The program's counselors are also well-informed on alternate funding sources available to Indian

students. Please write or call with any questions.

Complete applications for the summer programs, fall IHS scholarships and fall University of North Dakota enrollment are due in the INMED offices by approx-

imately March 15th each year. Applications to the School of Medicine are due November 1st the year before proposed admission.

For further information and application forms, contact:

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